IN THE SPECIFICATION

At page 21, please amend the paragraph beginning at line 8 as follows:

In one embodiment, the maximizing pair (f,σ) is selected when a single best estimate of an unknown frequency and signal parameter is to be reported. However, different embodiments are possible. In some embodiments, the process may quit after process at block 800 and feed the approximate correlation sums $D(f,\sigma)$ to some other method for further processing. In other embodiments, the process may quit after process at block 880 and feed the approximate ambiguity function $|D(f,\sigma)|^2$ to some other method for further processing. Such other methods may employ additional side information, or may perform a finer-grained search by interpolating the function $D(f,\sigma)$ as described in U.S. Patent Application No. 09/888,338, entitled "Extracting Fine-Tuned Estimates from Correlation Functions Evaluated at a Limited Number of Values" by Anant Sahai, John Tsitsiklis, Stefano Casadei, Andrew Chou, Benjamin Van Roy and Jesse Robert Stone, filed on the same day herewith, Attorney Docket No. 60021-0013. Finally, in some embodiments, the process at block 950 may select all pairs (f,σ) that exceed a certain threshold. Or the process at block 950 may select a fixed number of pairs (f,σ) with the highest ambiguity values, for further processing.

At page 28, please amend the paragraph beginning at line 12, as follows:

Alternative embodiments of the calculation at block 400 of FIG. 1B for block-level correlations are possible, especially when the reference signal has a special structure. For example, when processing GPS signals, the reference signal is a periodic PRN (pseudorandom noise) code, modulated by a slow binary signal. This structure is exploited in U.S. Patent Application

No. 09/888,228, entitled "SIGNAL ACQUISITION USING DATA BIT INFORMATION" by Anant Sahai, Wallace Mann, Andrew Chou and Benjamin Van Roy, filed on the same day herewith, Attorney Docket No. 60021-0011, now U.S. Patent 6,512,479